Level 1 Essential Application of Number Skills Sample confirmatory test 5

Maximum duration: 30 minutes

Important note
This is a sample confirmatory test, developed jointly by the four Essential Skills Wales awarding bodies (Agored Cymru, City & Guilds, Pearson and WJEC).

This sample test provides an indication of the likely format and structure of the live confirmatory tests.

A separate document, containing the answer keys (correct answers) and specification references is also available.

This confirmatory test consists of <u>20</u> multiple choice questions.

Questions 1 to 5 are about gardening.

1 You want to choose suitable plants for your garden. Here is a table of information about some plants to choose from.

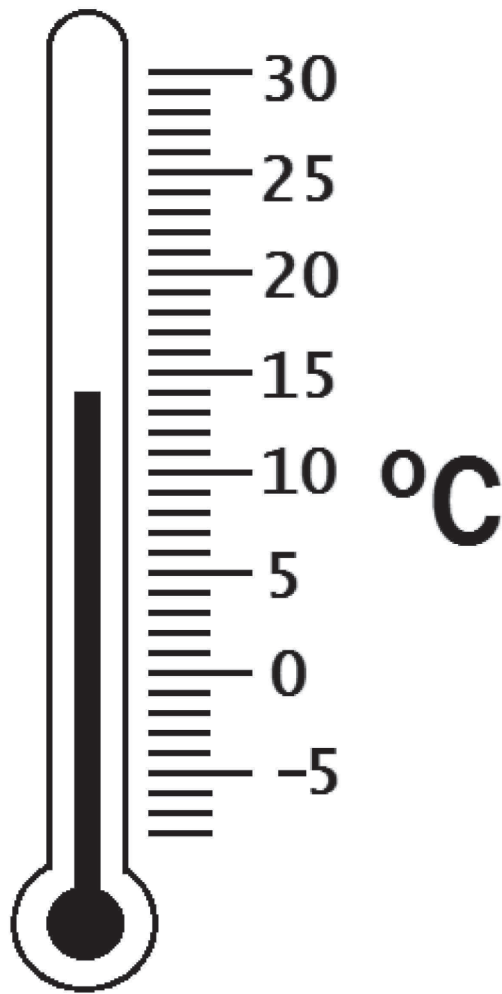| Type of plant	Height (inches)	Growing time (days)	Flowering time
Carnation	12 to 14	140	May to July
Primrose	4 to 12	120	Feb to May
Sunflower	36 to 60	90	May to Oct
Violet	4 to 8	135	March to May
Aster	12 to 20	160	March and April

You want a plant that will:

• flower in April.
• grow to about 12 inches high
• have a growing time of less than 150 days.

Which of the plants in the table should you choose?

a Carnation
b Primrose
c Violet
d Aster

2   You have a thermometer in your greenhouse. It shows the temperature in degrees Celsius.

What temperature does the thermometer show?

a   16°C
b   15°C
c   14°C
d   13°C

3   You buy these garden tools with a £20 note.

Spade   £7.95
Fork   £6.50
Trowel   £2.75
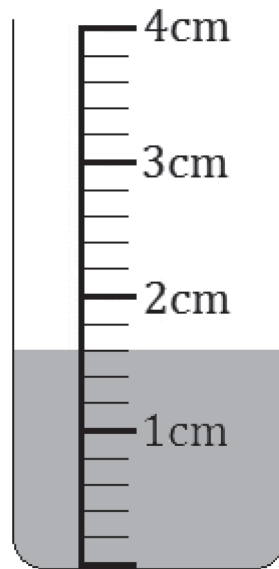
How much change should you receive?

a   £2.80
b   £3.20
c   £3.80
d   £4.90

4   A garden is a rectangle that is 4 metres long and 3 metres wide.

What is the perimeter of the garden?

a   7 m
b   11 m
c   12 m
d   14 m

5   This diagram shows the amount of rainfall on one day.

What is the amount of rainfall on that day?

a   1.3 cm
b   1.6 cm
c   1.8 cm
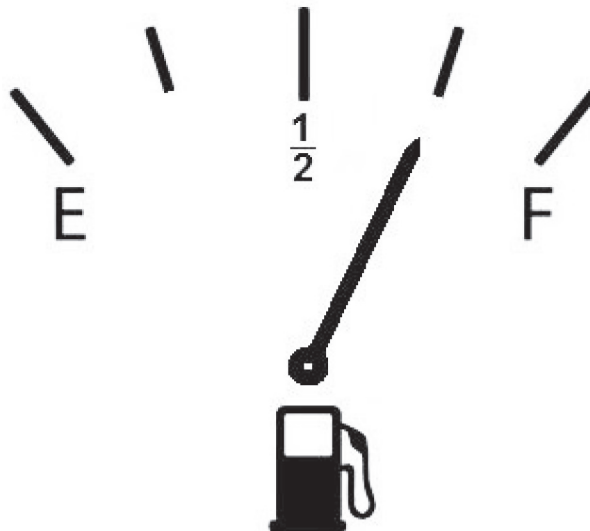d   2.4 cm

Questions 6 to 10 are about a car journey.

6   This is the number of miles the car has travelled.

What is this number in words?

a   One hundred and three thousand and forty seven
b   One hundred and three thousand four hundred and seven
c   One hundred and thirty thousand and forty seven
d   One hundred thousand three hundred and forty seven

7   This fuel gauge shows how much fuel is in the car's tank.

E means empty and **F** means full.

The tank holds 60 litres when full.

How much fuel is in the tank?

a   15 litres
b   40 litres
c   45 litres
d   50 litres

8   The car travels 15 kilometres every 20 minutes.
     Your journey is 90 kilometres long.

     How long should your journey take?

     a   80 minutes
     b   100 minutes
     c   120 minutes
     d   140 minutes

9   You buy 30 litres of fuel.
     The fuel costs £1.02 per litre.

     What is the total cost of the fuel?

     a   £30.06
     b   £30.60
     c   £33.60
     d   £36.00

10   You buy a half litre bottle of windscreen wash.

     What is half a litre in millilitres?

     a   5 ml
     b   50 ml
     c   500 ml
     d   5000 ml

Questions 11 to 14 are about eye tests.

11   An optician does eye tests.
    These are the numbers of eye tests booked for next week.

Mon	Tue	Wed	Thu	Fri
9	6	8	6	6

    What is the average (mean) number of eye tests each day?

    a   3
    b   6
    c   7
    d   8

12   Last week 40 people had eye tests.
    There were 10 people who needed new glasses.

    What percentage is the same as $\frac{10}{40}$?

    a   50%
    b   40%
    c   25%
    d   10%

13   80% of customers book their eye test online.

    Which fraction is the same as 80%?

    a $\frac{1}{80}$

    b $\frac{1}{8}$

    c $\frac{5}{8}$

    d $\frac{4}{5}$

14   The optician had a total of 18 customers on Friday.

Two thirds of these customers had a free eye test.

How many customers on Friday had a free eye test?

a   6
b   8
c   9
d   12

Questions 15 to 20 are about cycling.

15   You need £175 to buy a bike. You decide to save £25 a week from your wages.

How many weeks will it take to save enough money to buy the bike?

a   8
b   7
c   5
d   3

16   You decide to buy some items for your bike.

Bell   £2.75
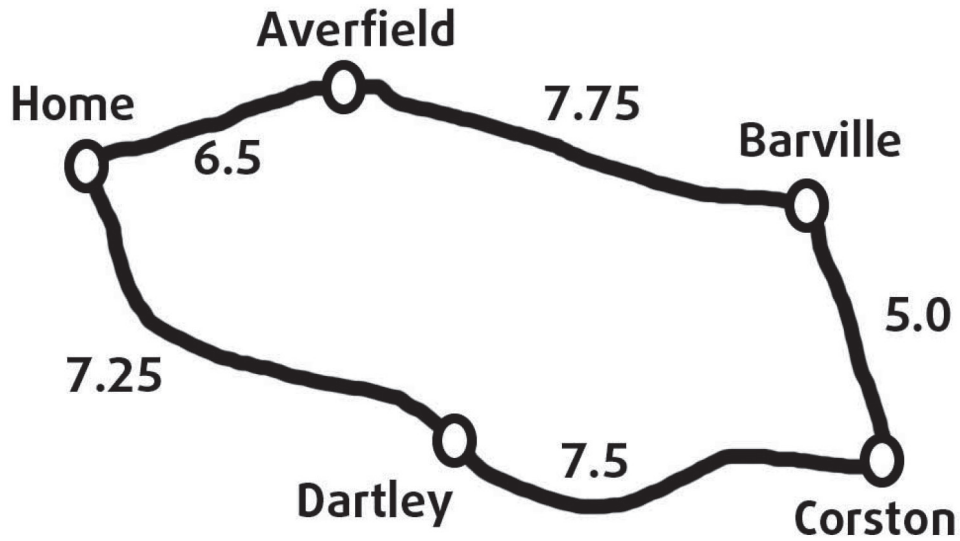**Water bottle   £2.40**
Rear light   £4.26

You see this offer

Buy three items and
get the cheapest

HALF PRICE!

What is the total cost of the items with the offer?

a   £7.28
b   £8.21
c   £9.21
d   £9.41

17   On a bike ride you go through four villages and then go back home. The map shows the route of your bike ride.

What is the total distance of this ride?

a   29 km
b   32 km
c   33 km
d   34 km

18   This diagram shows the distances in kilometres between some villages on a different route.

	Aberwaun	Blaenmor	Coedpen	Llanfor	Pont
Aberwaun		8	12	4	9
Blaenmor	8		5	10	11
Coedpen	12	5		8	13
Llanfor	4	10	8		15
Pont	9	11	13	15	

How far is it from Blaenmor to Pont?

a   9 km
b   10 km
c   11 km
d   13 km

19   You would like to ride 100 kilometres each week on your bike.

Here are the distances you have already ridden this week.

26 km   31 km   24 km

How many more kilometres do you have to ride this week?

a   29 km
b   24 km
c   21 km
d   19 km

20   You use a map to plan another bike ride.
     This is the scale on the map.

Scale 2 cm : 1 km

The ride is 36 cm on the map.

How far is the actual bike ride?

a   12 km
b   18 km
c   34 km
d   72 km

NOW GO BACK AND CHECK YOUR WORK
•   IMPORTANT -
     Are the details at the top of the answer sheet correct?
     Have you filled in your answers in INK in the appropriate boxes on the answer sheet?